

## CLAIMS

What is claimed is:

1. Guidewire apparatus comprising:

a guidewire comprising a coil, a distal portion of said coil being coated with a flexible coating, said coating being thicker on one side of a perimeter of said distal portion than on an opposite side of the perimeter of said distal portion;

a pull wire disposed inside said guidewire connected at a proximal end thereof to a first stop member and at a distal end thereof to a second stop member; and

an actuator disposed on said guidewire adapted to move said pull wire proximally such that proximally-directed pulling on the distal portion of said coil bends said distal portion towards said opposite side of the perimeter of said distal portion.

2. The guidewire apparatus according to claim 1, wherein said actuator comprises jaws that engage said coil.

3. The guidewire apparatus according to claim 2, wherein separating said jaws from each other stretches said coil and pushes said first stop member in the proximal direction.

4. The guidewire apparatus according to claim 1, wherein said coating on the opposite side of the perimeter of said distal portion has zero thickness.